

Application/Control Number: 10/643,240
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CLAIMS 1-22 CANCELED

23 1. A method of producing a saw blade, said method comprising the steps of:
forming a plurality of protrusions at a longitudinal edge of an elongated body;
forming a seat at each of the protrusions;
forming a plurality of form bodies of hard cutting material to be shaped as one of a part of a ball and a part of a cylinder;
connecting each one of the form bodies shaped as one of a part of a ball and a part of a cylinder to one of the seats;
forming a surface at each of the form bodies at a side to face away from the respective seat to form a cutting portion of a tooth such that the cutting portion has a wedge angle which is less than approximately 90 degrees and such that a free angle is formed.

24 2. *23* The method of claim *1*, wherein each one of the plurality of form bodies is formed to be less than one of a semi ball and a semi cylinder before it is connected to one of the seats.

25 3. *23* The method of claim *1*, wherein each one of the plurality of form bodies is formed to be less than a semi ball before it is connected to one of the seats.

26 4. *23* The method of claim *1*, wherein each one of the plurality of form bodies is formed to be less than a semi cylinder before it is connected to one of the seats.

27 5. *23* The method of claim *1*, wherein the surface at each of the form bodies is produced before the form body is connected to one of the seats.

28 6. *27* The method of claim *1*, wherein the surface at each of the form bodies is produced by sintering.

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29 1. The method of claim 1, wherein the surface at each of the form bodies is produced by grinding.

30 8. The method of claim 1, wherein said surface at each of the form bodies is the only ground surface of the form body.

31 9. The method of claim 1, wherein the form bodies shaped as one of a part of a ball and a part of a cylinder are connected to one of the seats by welding.

32 10. The method of claim 1, wherein the form bodies shaped as one of a part of a ball and a part of a cylinder are connected to one of the seats by soldering.

33 11. The method of claim 1, wherein said surface at each of the form bodies is formed to be curved.

34 12. The method of claim 1, wherein said surface at each of the form bodies is formed to be plain.